

Form PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEINFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use several sheets if necessary)

Atty. Docket No.  
00034Serial No.  
09/493,903**RECEIVED**

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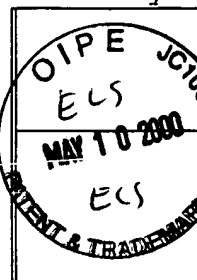
Applicant  
McCormack et al.Filing Date  
Jan. 28, 2000

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## OTHER DOCUMENTS

(Including Author, Title, Date, Relevant Pages, Place of Publication)

ELS	A1	Agarwal et al. "A blend of different tastes: the language of coffeemakers," <i>Environment and Planning B: Planning and Design</i> , 1998, vol. 25, pp. 205-226.
	A2	Agarwal et al., "A Micro Language: Generating MEMS Resonators using a Coupled Form-Function Shape Grammar," Accepted, <i>Environment and Planning B: Planning and Design</i> , 1999
	A3	Chiou et al., "The grammar of Taiwanese traditional vernacular dwellings," <i>Environment and Planning B: Planning and Design</i> 1995, volume 22, pgs. 689-720.
	A4	Hanson et al., "On Modelling the Work of the Architect Glenn Murcutt," <i>Design Computing</i> , Vol. 1, pgs. 189-203 (1986)
	A5	Chiou et al., "The grammatical basis of Chinese traditional architecture", <i>Languages of design, Formalisms for Word, Image and Sound</i> , 1995, pgs. 5-31.
	A6	Knight, "The generation of Hepplewhite-style chair-back designs," <i>Environment and Planning B</i> , 1980, Volume 7, pgs. 227-238.
	A7	Stiny, "Kindergarten grammars: designing with Froebel's building gifts", <i>Environment and Planning B</i> , 1980, Volume 7, pgs. 409-462.
	A8	Fleming, "The Role of Shape Grammars in the Analysis and Creation of Designs," chap. 12, pp. 245-272, <i>Computability of Design</i> , Kalay, ed., 1987.
ELS	A9	Chien, Sheng-Fen, et al., "SG-Clips : A System to Support the Automatic Generation of Designs From Grammars", <i>Third Conference on Computer Aided Architectural Design Research in Asia</i> , April 22-24, 1998, pgs. 445-454.

		A10 Cagan et al., "Optimally directed shape generation by shape annealing", <i>Environment and Planning B: Planning and Design</i> , 1993, volume 20, pgs. 5-12.
ECS		A11 Krishnamurti et al., "Spatial Grammars: Motivation, Comparison, and New Results", <i>CAAD Futures '93</i> , U. Flemming and S. VanWyk (Editors), 1993, Elsevier Science Publishers B.V., pgs. 57-74.
		A12 Krishnamurti, R., "The maximal representation of a shape", <i>Environment and Planning B: Planning and Design</i> , 1992, volume 19, pgs. 267-288.
		A13 Krishnamurti, R., et al., "Shape recognition in three dimensions", <i>Environment and Planning B: Planning and Design</i> , 1992, volume 19, pgs. 585-603.
		A14 Krishnamurti, R., et al., "Spatial change: continuity, reversibility, and emergent shapes", <i>Environment and Planning B: Planning and Design</i> , 1997, volume 24, pgs. 359-384.
		A15 Krishnamurti, R., "The arithmetic of maximal planes", <i>Environment and Planning B: Planning and Design</i> , 1992, volume 19, pgs. 431-464.
		A16 Gips, J., et al., "Production systems and grammars: a uniform characterization", <i>Environment and Planning B: Planning and Design</i> , 1980, volume 7, pgs. 399-408.
		A17 Stiny, George, "A New Line on Drafting Systems", <i>Design Computing</i> , Vol. 1, pgs. 5-19 (1986).
		A18 Stiny, George, "The Algebras of Design", <i>Research in Engineering Design</i> , 1991, pgs. 171-181.
		A19 Stiny, George, "Weights", <i>Environment and Planning B: Planning and Design</i> , 1992, volume 19, pgs. 413-430.
		A20 Brown, Ken, "Grammatical Design", <i>IEEE Expert</i> , March-April 1997, pgs. 27-33.
		A21 Stiny, G., "Introduction to shape and shape grammars", <i>Environment and Planning B</i> , 1980, volume 7, pgs. 343-351.
		A22 Krishnamurti, R., "The construction of shapes", <i>Environment and Planning B</i> , 1981, volume 8, pgs. 5-40.
ECS		A23 Krishnamurti, R., "The arithmetic of shapes", <i>Environment and Planning B</i> , 1980 volume 7, pgs. 463-484.
		A24 Krishnamurti et al., "Shape recognition in three dimensions", <i>Environment and Planning B: Planning and Design</i> , 1992 volume 19 pgs. 585-603.
		A25 Shea et al., "Innovative dome design: Applying geodesic patterns with shape annealing", <i>Artificial Intelligence for Engineering Design, Analysis and Manufacturing</i> (1997), 11, pgs. 379-394.


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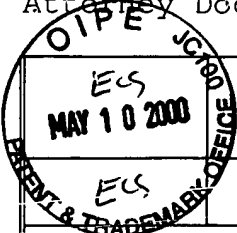
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		A26 ✓ <i>Piazzalunga et al., "Note on a three-dimensional shape grammar interpreter", <i>Environment and Planning B: Planning and Design</i>, 1998, vol. 25, pgs. 11-15.</i>
		A27 ✓ <i>Chase, "Shapes and shape grammars: from mathematical model to computer implementation", <i>Environment and Planning B: Planning and Design</i>, 1989, vol. 16, pgs. 241-242.</i>
<i>ELS</i>		A28 ✓ <i>Stiny, G., "Ice-ray: a note on the generation of Chinese lattice designs", <i>Environment and Planning B: Planning and Design</i>, 1977, vol. 4, pgs. 89-98.</i>
		A29 ✓ <i>Stiny, G., "The Palladian grammar", <i>Environment and Planning B: Planning and Design</i>, 1978, vol. 5, pgs. 5-18.</i>
		A30 ✓ <i>Stiny, G., et al., "The grammar of paradise: on the generation of Mughul gardens", <i>Environment and Planning B: Planning and Design</i>, 1980, vol. 7, pgs. 209-226.</i>
		A31 ✓ <i>Flemming, U., "More than the sum of parts: the grammar of Queen Anne houses", <i>Environment and Planning B: Planning and Design</i>, 1987, volume 14, pgs. 323-350.</i>
		A32 ✓ <i>Koning, H., et al., "The language of the prairie: Frank Lloyd Wright's prairie houses", <i>Environment and Planning B: Planning and Design</i>, 1981, volume 8, pgs. 295-323.</i>
		A33 ✓ <i>Agarwal, M., et al., "A blend of different tastes: the language of coffeemakers", <i>Environment and Planning B: Planning and Design</i>, 1977, volume 24, pgs. 1-22.</i>
		A34 ✓ <i>Tapia, M., "A visual implementation of a shape grammar system", <i>Environment and Planning B: Planning and Design</i>, 1999, vol. 26, pgs. 59-73.</i>
		A35 ✓ <i>Mitchell, "Functional Grammars: an introduction", <i>Reality and Virtual Reality</i>, 1991, pp. 167-176.</i>
		A36 ✓ <i>Cagan, "Engineering Shape Grammars: Where are we and where are we going?", <i>NSF Workshop on Shape Computation at MIT</i>, April 25 and 26, 1999.</i>
		A37 ✓ <i>Stiny, "Two exercises in formal composition," <i>Environment and Planning B</i>, 1976, vol. 3, pp. 187-210.</i>
		A38 ✓ <i>Stouffs et al., "Constructing the boundary of a shape," 1997.</i>
		A39 ✓ <i>Stouffs et al., "The boundary of a shape," 1997.</i>
		A40 ✓ <i>Stouffs et al., "Classifying the boundary of a shape," 1997.</i>
		A41 ✓ <i>Stouffs et al., "A note on the computational complexity with the boundary of a shape," 1997.</i>
		A42 ✓ <i>Gips, "Computer Implementation of Shape Grammars," <i>NSF Workshop on Shape Computation at MIT</i>, April 25 and 26, 1999.</i>
		A43 ✓ <i>Chiou et al., "Unraveling feng-shui," <i>Environment and Planning B: Planning and Design</i>, 1997, vol. 24, pp. 549-572.</i>
<i>ELS</i>		A44 ✓ <i>Chiou et al., "The fortunate dimensions of Taiwanese traditional architecture," <i>Environment and Planning B: Planning and Design</i>, 1995, vol. 22, pp. 547-562.</i>

15



ES MAY 10 2000	A45	Chiou et al., "Example Taiwanese traditional houses," <i>Environment and Planning B: Planning and Design</i> , 1996, vol. 23, pp. 191-216.
ES	A46	Chiou et al., "A Grammar of Taiwanese Temples," data unknown.
Examiner <i>[Signature]</i>	03/03/03 <b>RECEIVED</b>	

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. In the copy of the form with next communication to applicant.

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